

## CTPP 2000: Planning Applications & MTC's CTPP Analysis Plan

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## CTPP Applications for Travel Forecasting

- Ⓢ Part 1 contains observed data on households by vehicles in HH by workers in HH.
- Ⓢ Part 2 data can be used to de-allocate jobs to finer zone systems, by industry
- Ⓢ Part 2 data is good cross-check on total employment statistics at tract level
  - Important to remember: workers at area of work exclude weekly absentees, and secondary jobs of multi-job workers.
- Ⓢ Part 3 data can be converted to "observed home-based work" trips using trip rates (1.44 to 1.63 trips/commuter, @ 1.59 overall)

## CTPP Applications for Transit Operators

- Ⓢ Part 1 has data on households and commuters, including captive and choice commuters
- Ⓢ Data needed for Title VI analyses
- Ⓢ Part 3 commute flow data critical in showing users and potential users
  - Market Potential Study: examine flows for high concentrations of non-transit users.
- Ⓢ Ridesharing agency can examine high concentrations of long distance drive alone commuters.

## CTPP Applications for City & County Planners

- Ⓢ Circulation, Land Use, Housing, Safety Elements of General Plans
- Ⓢ Optional Elements: Bicycle, Economics, Education, Emergency
- Ⓢ Safety Element application: Daytime vs Nighttime Population of Community
  - Earthquake preparedness planning
- Ⓢ Economic Development
- Ⓢ General Interest: Place-to-Place Commuting Patterns (1980-2000)

## CTPP Applications for Non-Profit & Social Service Agencies

- Ⓢ Table 1-59: Persons by poverty status (4) by disability status (3) by minority status (2) by age (4)
  - Equity analyses, Title VI, Environmental Justice
- Ⓢ Table 1-71: Households by vehicle availability (6) by poverty status (4)
  - Transit dependent households
- Ⓢ Table 1-53: Persons by age (12) by school enrollment (7)
- Ⓢ Table 2-38: HH workers by age of youngest child (5) by means of transportation (11)
  - Child care potential by zone-of-work

## MTC's CTPP Analysis Plan (I)

- Ⓢ Web-based publishing of results
  - html, excel, pdf, shp
- Ⓢ Initial set of CTPP CDs to State and MPOs
  - Need to provide feedback to Census if errors
  - MTC may make copies for counties & others for checking purposes
  - Long-term availability of CDs: USDOT BTS

### MTC's CTPP Analysis Plan (II)

- ⑥ County-to-county total commuters, 1960-2000. (Data expected February 2003)
- ⑥ County-to-county commuters by means of transportation & average travel time, 1980-2000 (Data expected Summer 2003)
- ⑥ Place-to-place commuters by means of transportation & average travel time, 1980-2000 (Data expected Summer 2003)
- ⑥ Interregional commute data
  - County level for 1980-2000
  - Place and tract level for 1990-2000
- ⑥ Commuter forecasts (2010, 2020) will be updated Fall 2003 or later.

### MTC's CTPP Analysis Plan (III)

- ⑥ Census zone commute flows (4069\*4069) will be collapsed to MTC's regional travel analysis zones (1454\*1454)
  - Commuters "assigned" to MTC networks, examining commute flows over bridges and through corridors, and then mapped in GIS.
  - Average commute trip lengths (in miles) and trip length frequency distributions will be computed, and compared to network-based and census-based reported commute durations (in minutes) (all computations by means of transportation)
  - Fall 2003 or later

### MTC's CTPP Analysis Plan (IV)

- ⑥ Comprehensive Data Summaries
  - Data, value-added analysis, interpretation
- ⑥ Place-Level Profiles
  - Similar to 1990 where we published 61 of the 90 CTPP90 Part A & B tables in a 13 page profile for all places & counties
- ⑥ Work on CTPP Analysis will be lower priority in 2004 due to major update of Regional Transportation Plan (RTP)

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